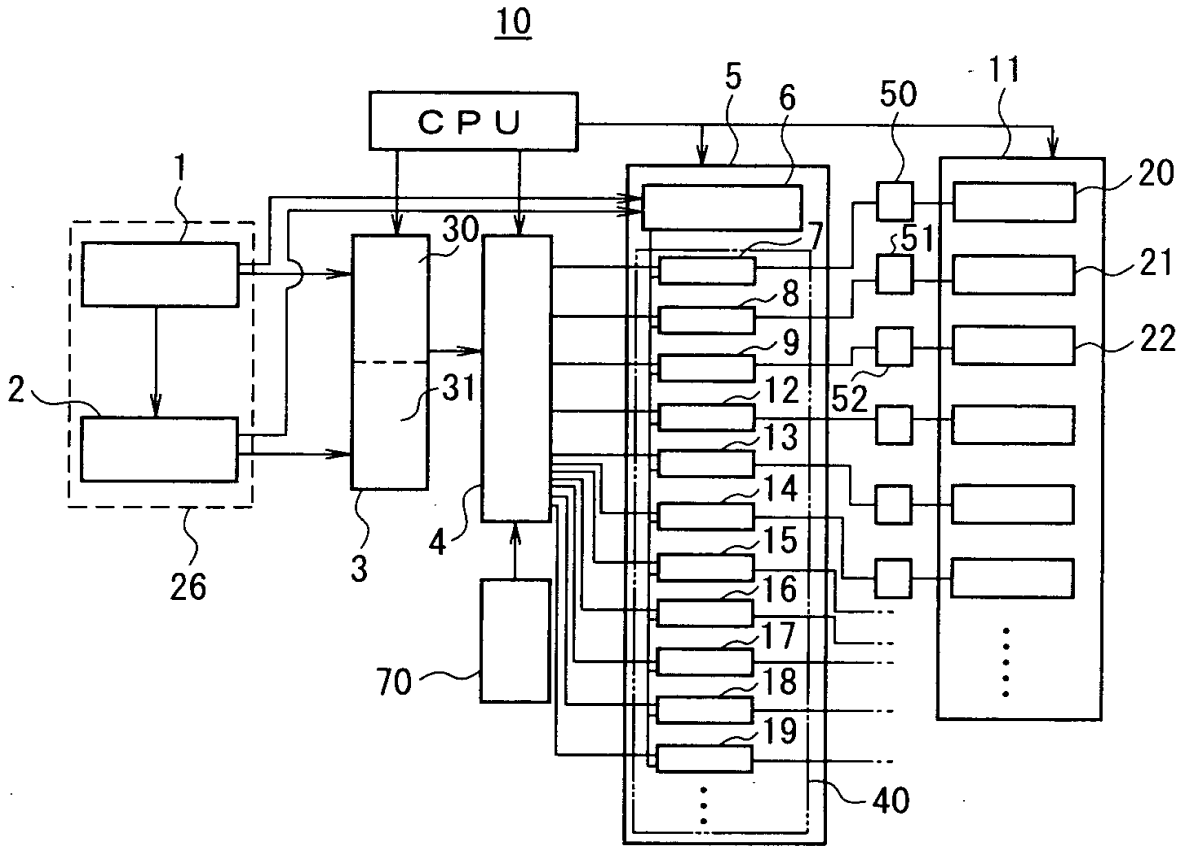
Fig. 1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CPU
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6
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30
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21
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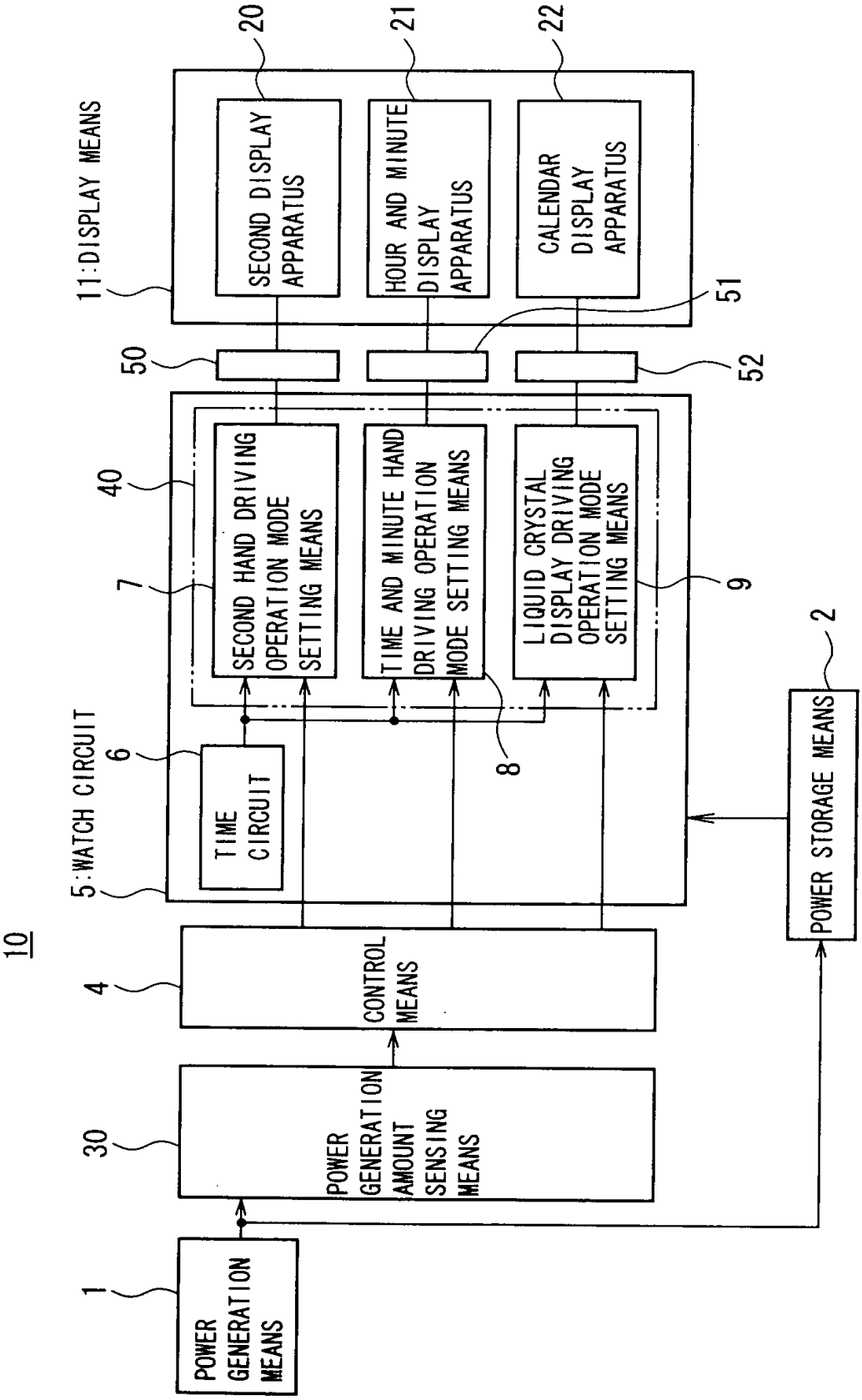
26
70
18
19
40

Fig. 2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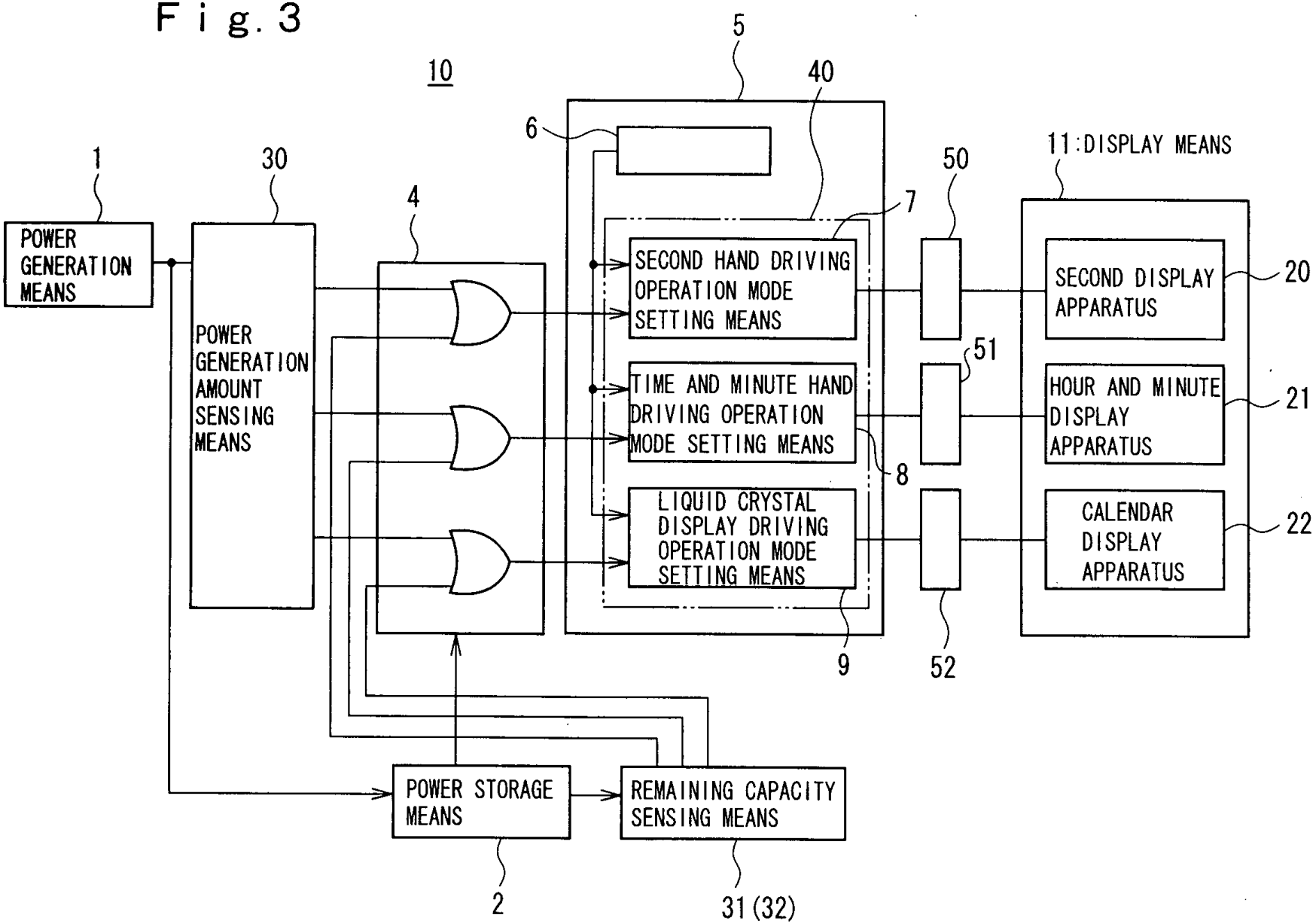
1
POWER GENERATION MEANS
30
POWER GENERATION AMOUNT SENSING MEANS
4
CONTROL MEANS
5:WATCH CIRCUIT
6
TIME CIRCUIT
40
7
SECOND HAND DRIVING OPERATION MODE SETTING MEANS
8
TIME AND MINUTE HAND DRIVING OPERATION MODE SETTING MEANS
9
LIQUID CRYSTAL DISPLAY DRIVING OPERATION MODE SETTING MEANS
50
51
52
11:DISPLAY MEANS
20
SECOND DISPLAY APPARATUS
21
HOUR AND MINUTE DISPLAY APPARATUS
22
CALENDAR DISPLAY APPARATUS
2
POWER STORAGE MEANS

Fig. 3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5
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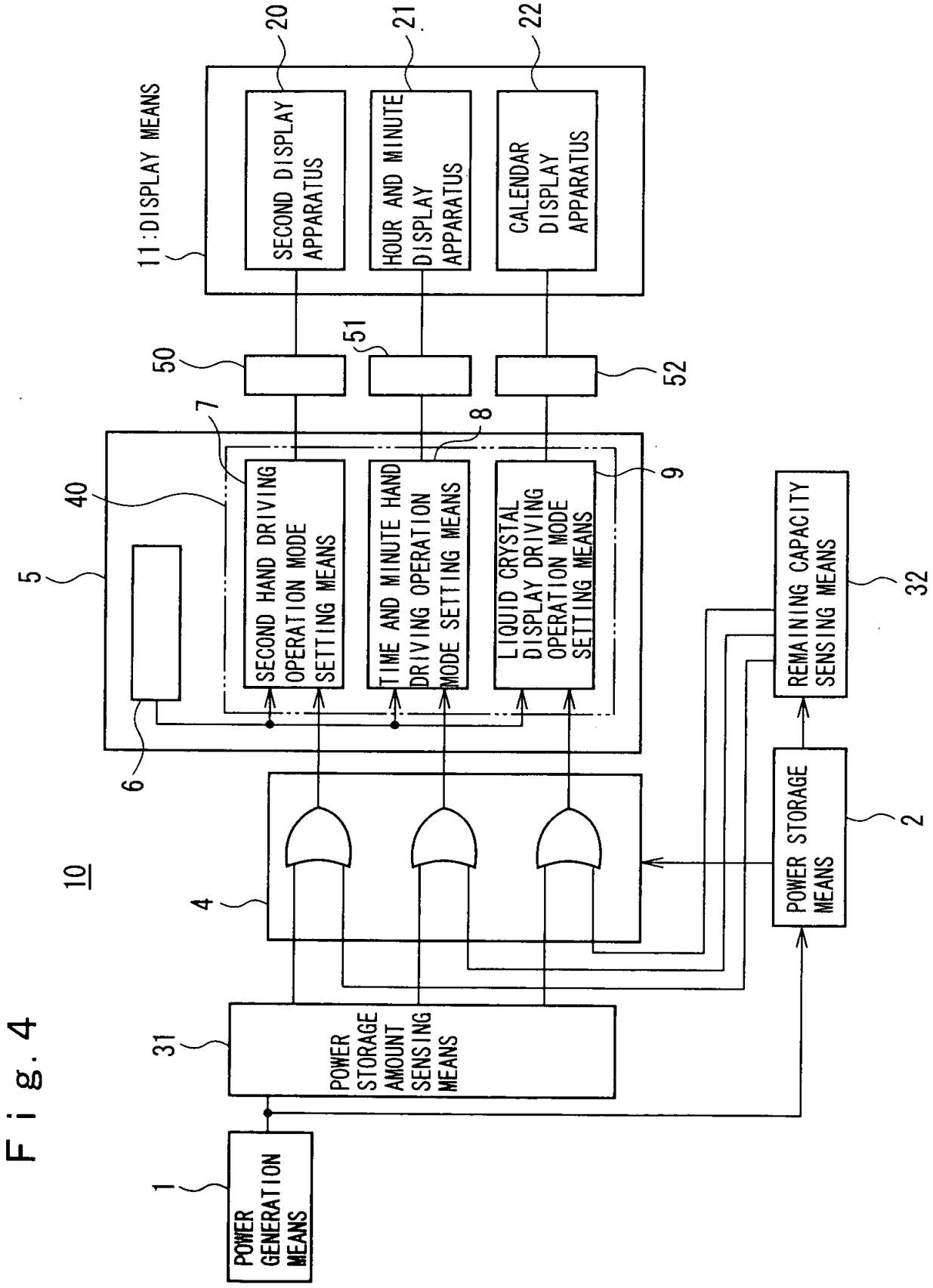
11:DISPLAY MEANS
POWER GENERATION MEANS
POWER GENERATION AMOUNT SENSING MEANS
SECOND HAND DRIVING OPERATION MODE SETTING MEANS
TIME AND MINUTE HAND DRIVING OPERATION MODE SETTING MEANS
LIQUID CRYSTAL DISPLAY DRIVING OPERATION MODE SETTING MEANS
SECOND DISPLAY APPARATUS
HOUR AND MINUTE DISPLAY APPARATUS
CALENDAR DISPLAY APPARATUS
20
21
22
51
8
9
52
POWER STORAGE MEANS
REMAINING CAPACITY SENSING MEANS
2
31(32)

Fig. 4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1
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POWER STORAGE AMOUNT SENSING MEANS
4
2
POWER STORAGE MEANS
32
REMAINING CAPACITY SENSING MEANS
5
6
40
7
SECOND HAND DRIVING OPERATION MODE SETTING MEANS
8
TIME AND MINUTE HAND DRIVING OPERATION MODE SETTING MEANS
9
LIQUID CRYSTAL DISPLAY DRIVING OPERATION MODE SETTING MEANS
50
51
52
11:DISPLAY MEANS
20
SECOND DISPLAY APPARATUS
21
HOUR AND MINUTE DISPLAY APPARATUS
22
CALENDAR DISPLAY APPARATUS

Fig. 5

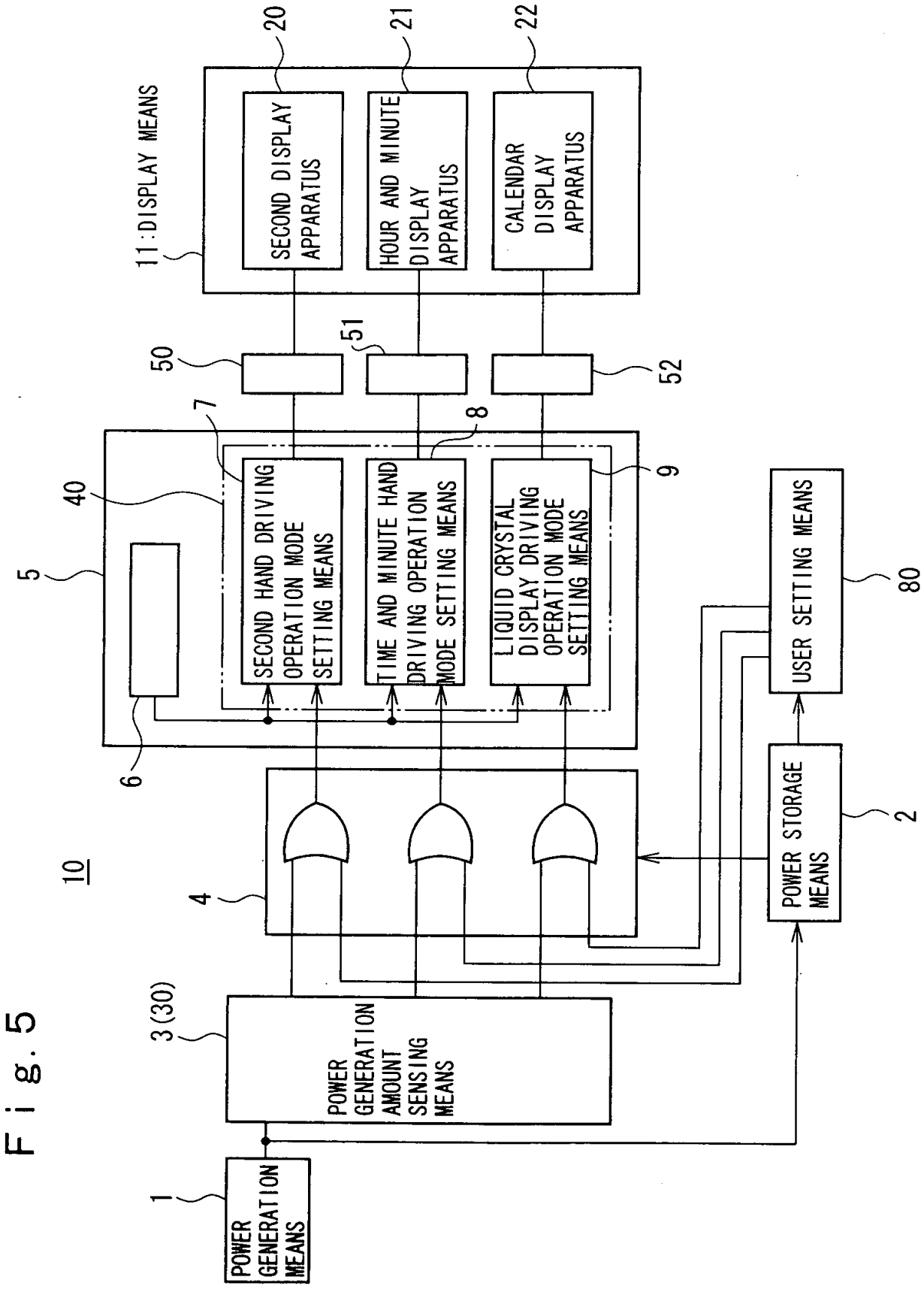
10
1
POWER GENERATION MEANS
3(30)
POWER GENERATION AMOUNT SENSING MEANS
4
2
POWER STORAGE MEANS
80
USER SETTING MEANS
5
6
40
7
SECOND HAND DRIVING OPERATION MODE SETTING MEANS
8
TIME AND MINUTE HAND DRIVING OPERATION MODE SETTING MEANS
9
LIQUID CRYSTAL DISPLAY DRIVING OPERATION MODE SETTING MEANS
50
51
52
11:DISPLAY MEANS
20
SECOND DISPLAY APPARATUS
21
HOUR AND MINUTE DISPLAY APPARATUS
22
CALENDAR DISPLAY APPARATUS

TABLE 1

POWER GENERATION AMOUNT	CONTROL SIGNAL			OPERATION MODE
	Ea	Eb	Ec	
HIGH	H	H	H	CALENDAR DISPLAY + SECOND DISPLAY + HOUR AND MINUTE DISPLAY
↓	L	H	H	SECOND DISPLAY + HOUR AND MINUTE DISPLAY
↓	L	L	H	HOUR AND MINUTE DISPLAY
LOW	L	L	L	NO DISPLAY

TABLE 2

			REMAINING CAPACITY			
			HIGH ——— LOW			
		CONTROL SIGNAL BECOMING H	Ma, Mb, Mc	Mb, Mc	Mc	NONE
POWER GENERATION AMOUNT	HIGH	Ea, Eb, Ec	LC+SEC+H/MIN	LC+SEC+H/MIN	LC+SEC+H/MIN	LC+SEC+H/MIN
		Eb, Ec	LC+SEC+H/MIN	SEC+H/MIN	SEC+H/MIN	SEC+H/MIN
		Ec	LC+SEC+H/MIN	SEC+H/MIN	HOUR/MIN	HOUR/MIN
	LOW	NONE	LC+SEC+H/MIN	SEC+H/MIN	HOUR/MIN	NONE

TABLE 3

			USER SETTING STATE			
			ALWAYS DISPLAY ALL	LIMIT LIQUID CRYSTAL DISPLAY ACCORDING TO POWER GENERATION AMOUNT Sa	LIMIT LIQUID CRYSTAL, AND SECOND DISPLAY ACCORDING TO POWER GENERATION AMOUNT Sa, Sb	LIMIT LIQUID CRYSTAL, SECOND, HOUR/MIN DISPLAY ACCORDING TO POWER GENERATION AMOUNT Sa, Sb, Sc
		CONTROL SIGNAL BECOMING H	Ma, Mb, Mc	Mb, Mc	Mc	NONE
POWER GENERATION AMOUNT	HIGH	Ea, Eb, Ec	LC+SEC+H/MIN	LC+SEC+H/MIN	LC+SEC+H/MIN	LC+SEC+H/MIN
		Eb, Ec	LC+SEC+H/MIN	SEC+H/MIN	SEC+H/MIN	SEC+H/MIN
		Ec	LC+SEC+H/MIN	SEC+H/MIN	HOUR/MIN	HOUR/MIN
	LOW	NONE	LC+SEC+H/MIN	SEC+H/MIN	HOUR/MIN	NONE

TABLE 4

POWER GENERATION AMOUNT	BALANCE RELATION	OPERATION MODE
HIGH	$IG \geqq Ia+Ib+Ic+Iz$	LC DISPLAY + SECOND DRIVE + H/MIN DRIVE + CLOCK CIRCUIT
	$Ia+Ib+Ic+Iz > IG \geqq Ib+Ic+Iz$	SECOND DRIVE + H/MIN DRIVE + CLOCK CIRCUIT
	$Ib+Ic+Iz > IG \geqq Ic+Iz$	HOUR/MIN DRIVE + CLOCK CIRCUIT
	$Ic+Iz > IG \geqq Iz$	CLOCK CIRCUIT
LOW	$Iz > IG$	STOP ALL